

BUILDING IN SUSPENSION

What is claimed is:

1. In a building structure,
a footing,
a column, and
means supporting said column on said footing in vertically adjusted position.
2. In the building structure of claim 1, wherein said means comprises a column-supporting plate, and means supporting said plate on said footing in vertically adjusted position.
3. In the building structure of claim 2, wherein said means supporting said plate on said footing comprises a bolt secured to said footing, said bolt having an upper portion projecting above said footing, and means supporting said plate on the upper portion of said bolt in vertically adjusted position.
4. In the building structure of claim 2, wherein said means supporting said plate on said footing comprises a plurality of bolts embedded in said footing, said bolts each having an upper threaded portion projecting above said footing, first nuts threaded on the upper portions of said bolts supporting said plate, and second nuts threaded on the upper portions of said bolts clamping said plate down on said first nuts.

5. In the building structure of claim 4, wherein said column has a base resting on said plate and clamped thereto by said second nuts.

6. In a building structure,
a plurality of spaced apart footings,
a plurality of columns,
means supporting said columns on the respective footings,
said means comprising a column-supporting plate associated with each of said footings, and

means supporting each of said plates on the associated footing in vertically adjusted position enabling said plates to be adjusted into a predetermined relationship with one another.

7. In the building structure of claim 6, wherein said means supporting said plates comprises a plurality of bolts embedded in each of the footings, each of the bolts having an upper threaded portion projecting above the footing in which it is embedded, first nuts threaded on the upper portions of the bolts embedded in each of the footings to support the plate associated therewith, and second nuts threaded on the upper portions of the bolts embedded in each of the footings to clamp the plate associated therewith down on the first nuts.

8. In the building structure of claim 7, wherein each of said columns has a base, the base of each of said columns resting on one of said plates and clamped thereto by one of said second nuts.

9. In the building structure of claim 8, wherein said footings are placed around a floor area of the building structure, a sub-floor extending over the floor area, a furnished floor extending over the sub-floor, said sub-floor, before installation of the finished floor, adapted to receive building and support materials and equipment useful in the construction of the building structure.

10. In the building structure of claim 9, wherein said sub-floor is substantially horizontal except for a peripheral, marginal edge portion which slopes downwardly in a laterally outward direction.

11. In a building structure,
a plurality of spaced apart footings,
a plurality of columns,
means supporting said columns on the respective footings,
a roof structure supported on said columns,
said roof structure having a flat upwardly facing surface surrounded by
a border frame adapted to contain a pool of water, and
said means supporting said columns on said respective footings being
vertically adjustable enabling said columns to support said roof structure in a position
such that the flat surface is horizontal.

12. In the building structure of claim 11, wherein the means supporting the columns comprises a column-supporting leveling plate associated with each of said footings, means supporting said plates comprising a plurality of bolts embedded in each of the footings, each of said bolts having an upper threaded portion projecting

above the footing in which it is embedded, first nuts threaded on the upper portions of the bolts embedded in each of the footings to support the plate associated therewith, and second nuts threaded on the upper portions of the bolts embedded in each of the footings to clamp the plate associated therewith down on the first nuts.

13. In the building structure of claim 12 wherein each of said columns has a base, the base of each of said columns resting on one of said leveling plates and clamped thereto by one of said second nuts.

14. In the building structure of claim 13, wherein said footings are placed around a floor area of the building structure, a sub-floor extending over the floor area, a finished floor extending over the sub-floor, said sub-floor, before installation of the finished floor, adapted to receive building and support materials and equipment useful in the construction of the building structure.

15. In the building structure of claim 14, wherein said sub-floor is substantially horizontal except for a peripheral, marginal edge portion which slopes downwardly in a laterally outward direction.